

Converting Colors

`RYB(219, 149, 177)`

Have a look what the booklet for RYB(219, 149, 177) contains.

RYB(219, 149, 177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(219, 149, 177)

Conversions

Conversions Part 1

Format	Color
Hex	DB95B1
RGB	219, 149, 177
RGB Percent	86%, 58%, 69%
CMY	0.1412, 0.4157, 0.3059
CMYK	0.00, 0.32, 0.19, 0.14
HSL	336°, 49%, 72%
HSV	336°, 32%, 86%
XYZ	47.8967, 39.7293, 46.7391
YIQ	173.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

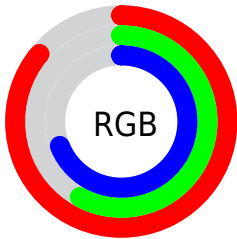
Format	Color
R _Y B	219, 149, 177
Decimal	14390705
CIE Lab	69.28, 30.32, -3.84
CIE LCh	69, 30.559, 352.777
Yxy	39.7293, 0.3565, 0.2957
Android (android.graphics.Color)	4292580785 (0xFFDB95B1)
YUV	173.1220, 1.9119, 40.2350
Hunter-Lab	63.0312, 25.3356, 0.1569

Details

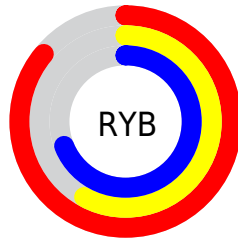
The RYB color **219, 149, 177** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 193, 219**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 204, 233**, and **163, 97, 124** is the 20% darker color. If you saturate the color by 10%, you get **219, 127, 164**, and if you desaturate by 10%, it is **219, 171, 190**.

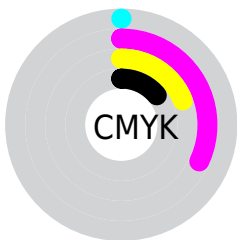
Distribution



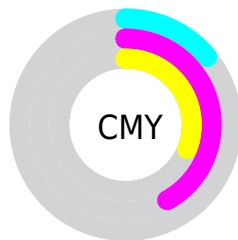
- Red (86%)
- Green (58%)
- Blue (69%)



- Red (86%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 149, 177 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 219, 149, 177 by changing the saturation by 10% instead.


 219, 149, 177


255, 255, 255

 255, 204, 233

 255, 232, 255

 219, 149, 177

 191, 123, 150

 163, 97, 124

 136, 73, 100

 109, 49, 76

 84, 25, 53

 59, 0, 32

 39, 0, 8


 0, 0, 0

 219, 149, 177

 219, 149, 177

 219, 127, 164

 219, 171, 190

 219, 105, 151

 219, 193, 203

 219, 83, 138


 219, 215, 216

 219, 61, 124


 219, 230, 237

 219, 40, 111

 219, 241, 255

 219, 18, 98

 219, 237, 255

 219, 0, 88

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198, 155, 203



219, 149, 177



224, 149, 149

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 149, 177



118, 174, 125



87, 141, 212

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



219, 149, 177



149, 193, 219

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80, 133, 190



219, 149, 177



135, 181, 181

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219, 149, 177



162, 195, 114



103, 150, 184



123, 157, 224

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219, 149, 177



220, 159, 133



103, 150, 184



81, 137, 206

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



219, 149, 177



255, 230, 240



191, 149, 219



128, 112, 118



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 149, 177



255, 158, 197



219, 157, 149



110, 99, 103



173, 0, 69



46, 0, 18

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



219, 149, 177



255, 158, 197



149, 182, 219



110, 99, 103



173, 0, 69



46, 0, 18

Previews

White Background



This preview shows how the RYB color 219, 149, 177 looks on a white background.

Color Contrast Check

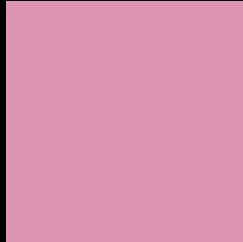
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 219, 149, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

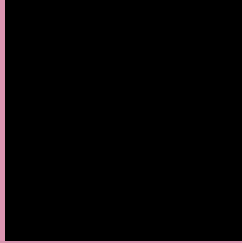
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 219, 149, 177 Background



This preview shows how black text looks on a background with the RYB color 219, 149, 177.



This preview shows how white text looks on a background with the RYB color 219, 149, 177.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
219, 149, 177

Protanopia
167, 168, 189

Deuteranopia
184, 164, 174



Tritanopia
217, 151, 163

Trichromacy



Original Color
219, 149, 177

Protanomaly
186, 161, 185

Deuteranomaly
197, 159, 175

Tritanomaly
218, 150, 168

Monochromacy



Original Color
219, 149, 177

Achromatopsia
173, 173, 173

Achromatomaly
190, 164, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 149, 177 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 149, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 149, 177) }
```

Border

The CSS property to change the border of an element to RYB 219, 149, 177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 149, 177) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 149, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(219, 149,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 219, 149, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 149, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
149, 177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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